Working With Controllers

lab #lab03

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Lab Goals

The purpose of this lab is to help you explore and practice some of the controller and routing techniques from lesson 3.

There are two parts to this lab: A) the basics and B) a hook.

You only need complete part A to get a good mark. Part B is specifically for those looking for more of a challenge, and I suggest you only tackle it after successfully completing part A.

Suggestion: you may want to skim the slideshow first, before working your way through it.

Lab Submission

Your lab will be completed in a github repository. This will be your (forked) winter2015-lab03 repo. If you are doing the optional part of the lab, your repo will include the Part B changes, and you should indicate that you are shooting for the optional marks in your readme.

Dayschool students: submit a readme to the lab dropbox. This readme should have a link to your github repository.

Distance students: send me an email with a link to your github repository.

Due: Sunday, Jan 25, 17:30 PST

Lab Marking Guideline

This lab will be marked out of 10, as follows:

- Part A addresses eight controllers/mappings.
  These are worth one mark each.
- (Optional) Part B is worth 2+ marks, depending on the elegance of your solution. Simply taking a stab at part B, without solving the challenge, won't get you any marks!

The "+" for the optional part? I will award a bonus mark to the most elegant solution in a set!

Commenting: add comments sufficient to convince the reader that you know what you are doing. Inappropriate/inadequate comments will cost you up to two marks off.

Part A: The Basics

Complete tutorial 3.

Part B: Hooks (Optional)

Build a class to massage the final output before sending it to the browser.

Configure a display_override hook to inject your class into the processing stream for all single quote presentations. Don't forget to enable "hooks".

The massaging your hook should perform: inside any <p> element in the output, which have a class attribute of "lead", bold any capitalized words (yes, that includes "I").

Bolding is done by enclosing a word in a "strong" element.

Part B Notes

Part B is a challenge, hehe (on purpose). Don't even try this until you have completed part A, and then only if you are willing to dive a bit deeper into CodeIgniter and hooks.

Part B will not earn part marks for a partial solution, so be sure you want to risk/invest the time to tackle it!

Congratulations!

You have completed lab #lab03: Working With Controllers

If you would take a minute to provide some feedback, we would appreciate it!

The next activity in sequence is: lesson04 Models

You can use your browser's back button to return to the page you were on before starting this activity, or you can jump directly to the course homepage, organizer, or reference page.