CodeIgniter Intro

lab #lab02

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Lab Goals

The purpose of this lab is to introduce you to CodeIgniter and the workflow for working with webapps.

There are three tutorials to complete, for a passing grade, and then this optional lab exercise to complete for potentially full marks.

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. If you are just doing the tutorial part of the lab, this will be your (forked) tutorial 2c repo. If you are doing the optional part of the lab, this will be your (non-forked) converted static site repo.

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 18, 17:30 PST

Lab Marking Guideline

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

* Tutorial 02a: add your name to the student list (2)
* Tutorial 02c: convert the image gallery to a CodeIgniter webapp (5)
* (Optional) Convert one of the designated static websites to a CodeIgniter webapp (3)

Tutorial 2b is not for any marks.

Lab Preparation

Three tutorials have been provided, to setup your development environment. Please make sure you have completed them.

* Tutorial 02a Working With a Shared Repository
* Tutorial 02b Setup CodeIgniter
* Tutorial 02c Convert Static Site to CodeIgniter

Disclaimer

We will not necessarily be following "best practices" throughout this lab.

Our focus is on "baby steps", that will lead to best practices over the next few labs.

Post Tutorial Notes

If you have completed the week 2 tutorials, you have a "system3" folder inside "XAMPP_PATH/htdocs", and you have an idea how to convert a static website into a CodeIgniter webapp.

If you are happy with a passing grade, or if you are out of time, submit your tutorial 2c repo link. If you are shooting for the highest possible grade, or if you want to practice the conversion process, then continue with this lab.

Note: You can always submit a link to the tutorial repo once you complete it, and then override your submission if you complete the optional part of this lab!

Eligible Static Sites

Here are six free sample websites from Free Website Templates that suit our purposes.

- Hairstyle Salon
- Law Firm Office
- Beach Resort
- Garden Walkthrough
- Wood Working
- Zerotype

Conversion Process

Pick one of the designated sites from the previous slide, and make it into a CodeIgniter webapp.

I suggest following the lead of the CodeIgniter conversion project, used in Tutorial 2c.

Create a new project for your webapp, extract the free website into the "public" folder inside your lab 2 project, and then perform the same activites that you did for tutorial 2c :)

Are We There Yet?

When you are done, you will submit either the link to your tutorial 2c repository, *or* the link to your converted free website template.

In either case, working through the tutorial or converting one of the other static sites, please ask questions if you get stuck!

Congratulations!

You have completed lab #lab02: CodeIgniter Intro

If you would take a minute to <u>provide some feedback</u>, we would appreciate it!

The next activity in sequence is: <u>assignment1</u> Basic Webapp 2015.01.31 23:59

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 <u>homepage</u>, <u>organizer</u>, or <u>reference</u> page.