CIS 371 Web-based Programming

Homework 6

Objectives

- use jQuery to implement AJAX in a webpage
- use jQuery UI to make a page more attractive and useful

Instructions

You are to create a web page that gets a list of movies, puts them into an option box and when a movie is selected, you are to place the movie description and cast onto the web page in a tabbed box.

You will need to use the following two server scripts:

`http://www.cis.gvsu.edu/~scrippsj/cs371/hw/hw07/getTitles.php`
> This returns a list movie names in a JSON encoded array. In your javaScript code you can decode the JSON text into an array and use it to populate the option box.

`http://www.cis.gvsu.edu/~scrippsj/cs371/hw/hw07/getMovie.php`
> This script returns movie information for a given movie. To select the movie you need to pass a variable id. For example pass "id=1" to get the data for the movie with an id of 1. The return value is a "tab" delimited string with the title, description and cast. Note that the cast information is already html encoded as a table.

To see how these scripts work you should try them in the address bar of your browser. For example, paste http://www.cis.gvsu.edu/~scrippsj/cs371/hw/hw07/getMovie.php?id=1 to see the data returned for movie 1. Your browser should allow you to view the source as well as the rendered text.

The page will have a pull-down option box at the top that contains a list of movie titles. Below it is a tabbed box with tabs for description and cast. When a movie is selected you need to get the movie data (using getMovie) and then place the description in the description tab and the cast table in the cast tab. You are to use jquery to make the AJAX calls and also to create the tabbed box.

To simplify things, you can assume that the index of the option box is the id of the movie (id=1 is the first option, etc). I reserve the right to change the movies that the server scripts return so do not be tempted to hard code specifics about the movies into your code.

Completing the assignment

Due date: 11/2/16

To turn in the assignment **post** the web page that you create on a publicly accessible host and email me the URL. **Be sure to:**

- Put your class and section in the subject, along with the assignment separated by a colon (e.g. "CS371:HW06")
- Either include the PHP source code in your email or post it for me on your host – post the files both with a php extension and a txt extension, so I can run the scripts and see the source code.
- Include the URL in the body of the email
- Include your name in the body of the email

Points: 10