

WEB 303 - Javascript 2

Assignment 3

Start with the starter files provided.

In this assignment we will use jQuery Ajax methods to fetch a JSON format file and insert the content into the page.

1 - Open the `team.json` file and add an entry to it that contains **your name**, a fake position in E Corp, and a brief bio (you can make the bio up entirely, but it must contain your first name in it somewhere).

NOTE: Your assignment will be given a mark of 0 if you do not complete step 1.

2 - Create two methods outside of the jQuery ready function, one for the `$.getJSON` request outlined below, and the second for your `$.ajax` request below. You can name these methods whatever you like.

2a - Inside the first method, use the `$.getJSON()` method to get the `team.json` file.

2b - Once that method executes, use the `$.each()` method to loop through the elements of the array in the object that was returned by the server.

2c - For each object in the array, insert the `name`, `position`, and `bio` into the `div#team`. Put the `name` in an `h2` tag, the `position` in an `h5` tag, and the `bio` in a `p` tag.

3a - Inside your second method, use the `$.ajax()` method using the HTTP "get" type to retrieve the data from the `team.json` file.

3b - Add a callback that runs **before** you **send** the ajax request. Display the text "Loading..." in the `div#team`.

3c - Add an error callback to display an error message inside of the `div#team` if it is invoked, stating the content could not be retrieved.

3d - If the content does come back successfully, display the data in the same way as described above in part 2c. Make sure you remove the "Loading..." message once you display the data.

Call one of the methods, in a ready function, to actually run the code and have the information displayed on the page (it doesn't matter which, I will be testing both anyway).

BONUS (1 mark): In your ajax call, find a way to delay the content being displayed on the page, so that the loading message is visible for 3 seconds before it is removed and replaced by the content that came back from the json file.

Create a branch on your github repository called `Assignment 3`. Add your code from this assignment to your repository on that branch. In order to test your code, visit your branch on github, change the URL in the browser from `github.com` to `githubbox.com`, and it will take you to the repository in `codesandbox.io`.

Submit the link to your branch AND your `codesandbox.io` link of the code running on blackboard.

Marks distribution (out of 10):

- Two methods created, each containing the right jQuery call **(1)**
- The `$.getJSON` method is defined correctly and generates all the correct output values **(1)**
- The `$.ajax` method is defined correctly, and all its functionality is set correctly including the correct output **(4)**
- Invoke one of the methods in a ready function **(1)**