

jQuery UI Accordion and Tabs

Now that you are able to get XML data to display on a web page, you can use jQuery and CSS to make it more functional.

To begin your assignment:

1. Download the **Tabs and Accordion.zip** file from Canvas, and extract the **Tabs and Accordion** folder to your computer.
2. Open the **Tabs and Accordion** folder and review its contents.
3. Copy the **albums.xml** file you completed from the previous assignment and save it in the **nirvanaAccordion** and **nirvanaTabs** folders, located in the **Tabs and Accordion** folder.
4. Copy your **images** folder from the database assignment into the **Tabs and Accordion** folder.

NOTE: Make sure that you do NOT rename or move any files or folders unless the instructions require you to do so. Making alterations to the file names and file/folder structure may prevent your code from working properly.

Accordion Instructions

Open the **nirvanaAccordion** folder and locate the **BrokenAccordion.html** file. Open the HTML file in a text editor and review the code. Next, open the following link in a web browser:

<http://jqueryui.com/accordion/>

On the left, under the heading **Examples**, click **Collapse content**. Scroll down the page and click **view source**; review the code that displays and compare it to the **BrokenAccordion.html** file. There will be both similarities and differences between each set of code.

Using the online jQuery example, locate the script code that is missing from the **BrokenAccordion.html** file. Copy/paste the script code from the jQuery web site to your HTML file and save the changes. This code will implement the jQuery accordion.

Tabs Instructions

Open the **nirvanaTabs** folder and locate the **BrokenTabs.html** file. Open the HTML file in a text editor and review the code. Next, open the following link in a web browser:

<http://jqueryui.com/tabs/>

Scroll down the page and click **view source**; review the code that displays and compare it to the **BrokenTabs.html** file. There will be both similarities and differences between each set of code.

From the online jQuery example, locate the script code that is missing from the **BrokenTabs.html** file. Copy/paste it into your HTML file and save the changes. This code will implement the jQuery tabs. Take note that both this and the previous example include local Javascript and CSS files that can be edited.

Check to make sure your pages look similar to the screen shots in Canvas.

NOTE: In order to check your work locally, you must open the **BrokenAccordion.html** and **BrokenTabs.html** files in [Mozilla Firefox](#).

How to Submit Your Work

1. **Before submitting, please validate your HTML and CSS files**
 - a. Using [Mozilla Firefox](#), navigate to the following pages and choose the **Validate by File Upload** tab.
 - i. HTML Validator: <http://validator.w3.org>
 - ii. CSS Validator: <http://jigsaw.w3.org/css-validator>
 - b. All HTML and CSS files **MUST** pass validation in order to be considered for full credit.
2. **Save all site files (including images) to CWU's server**
 - a. **On Campus**
 - i. From a campus lab computer, you can save your files directly to the **public** folder on **DriveI@HTDOCS**
 - b. **Off Campus**
 - i. If you are off-campus, you can save your files to the **public** folder on **DriveI@HTDOCS** via [NetDrive](#) or [NetStorage](#)
3. **Check the Index Page**
 - a. If you do not have an index page in your **public_html** folder, you will need to create one (please visit <http://www.cwu.edu/~durhamj> for an example. Click the link that corresponds to your class; then, after the page loads right-click on the browser window and choose **view source** from the list – feel free to copy and use the code for your own index page
 - b. Make sure the main (home) page of your web site assignment or project is properly linked on the index page
4. **Test your URL**

- a. Type the URL for your website into your browser and press **enter** on your keyboard
 - i. For example: **http://www.cwu.edu/~yourcwuusername**
 - ii. There may be a delay of 30 – 60 minutes from the time you upload your file(s) to CWU's server to the time you can view your web site live
- b. **If your URL does not open your index page:**
 - i. Notify your instructor via GroupWise email immediately
 - ii. Skip to step **4** to complete the Canvas submission process, then return here to troubleshoot the URL issues
 - iii. Check your URL for the correct information
 - 1. http://www.cwu.edu/~yourcwuusername**
 - a. your instructor's URL happens to use the last name and first initial format, but yours may be different
 - iv. Make sure the **index.html** is located in your **public_html** folder located on **DriveI@HTDOCS**, and that there are no other files named index.html
 - 1. If the index.html file does not exist, please see step **2.c** above
 - v. Check all file extensions to make sure they are correct (.html, .css, .js, .xml, .php, etc.) as well as spelling
 - 1. Please note that file names are case-sensitive, and it is recommended that you use lowercase letters and no spaces
 - vi. Make sure all files uploaded to CWU's server are **NOT** saved in a .zip file
 - vii. If the site is not viewable via your URL after 24 hours from uploading your file(s), please contact the [CWU Help Desk](#)
- 5. **Save a copy of all your site files (including images) to a .zip file by following these steps (in Windows 7)**
 - a. Select all your site files
 - b. **Right-click** your selection and choose **send to** from the list
 - c. Choose **Compressed (zipped) folder**
 - d. Rename the .zip file using the filename format **lastname_firstinitial_assignmenttitle**
 - i. For example: **Durham_J_Project1.zip**
 - ii. Submission must follow the file name format in order to be considered for full credit
- 6. **Upload via the assignment link in Canvas**
 - a. Click the **Submit Assignment** link at the top-right of the assignment page

- b. Choose the **File Upload** tab (bottom right of assignment page) and click **browse** to upload your .zip file
 - c. Click the **Add Another File** button, then click **browse** to upload your **url.html** file
 - i. If you have not created your **url.html** file, please visit <http://www.cwu.edu/~durhamj/url.html>. Once the page loads, right-click in the browser window and choose **view source** to copy the code. In your text editor, create a new .html file named **url** and paste the code into the file. Before saving and uploading your file, make sure to change the href attribute of the anchor element to link to your URL by replacing my username with yours.
- 7. Click **Submit Assignment** to submit your work
 - a. Check to make sure the correct file(s) were successfully submitted by clicking on the **Submission Details** link at the top-right of the assignment page
 - b. If needed, you can resubmit your assignment by clicking the **Re-submit Assignment** link
 - i. Please note that resubmission of assignments is only offered before the assignment deadline; and, once an assignment has been graded (including early submissions), resubmission is not accepted for credit.
- 8. **What to do if you have questions or concerns regarding the assignment instructions, content, or submission process:**
 - a. Post a message on the Student Discussion Forum to consult your peers – they are a very valuable resource and often can respond quickly
 - b. Contact your instructor via **GroupWise email** (see the Syllabus for email procedures and etiquette)