

COMP1710/6780: Laboratory 6

Social Networking Feeds continued and JavaScript part 3.

1. Objectives

This lab aims to introduce you to using 3rd party tools in your website to add further social media interactivity. You will also expand your knowledge on Javascript.

Specifically, you will:

- Use a 3rd party tool to add a Social Networking Feed to your website.
- Add an interactive JavaScript element to your website.
- Add detailed comments to your JavaScript code.
- upload your assignment.html and updated pages into your public_html space of your account on Stuweb

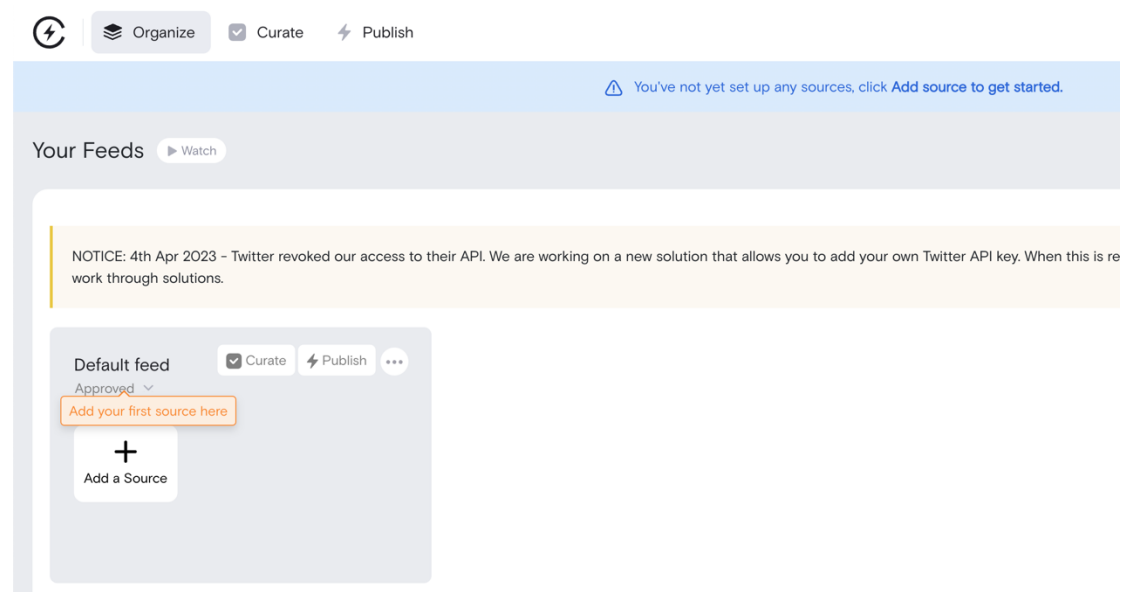
2. Social Networking Feeds Continued

In week 5 you were introduced to the importance and use of social media to maintain an online presence within your website. Social Media is very important because it's a widely spread communication channel for you to promote your website and/or aggregate information for your website.

Additionally, here we are going to introduce you to 3rd party tools and their inclusion in web development and design. For example, you might want to include a contact us page with an interactive map of where your business is located. This would make use of the Google Maps API tool. Another example, say you were creating an online shop and you wanted to integrate PayPal as a payment method, you would have to use the PayPal platform and integrate it into your website.

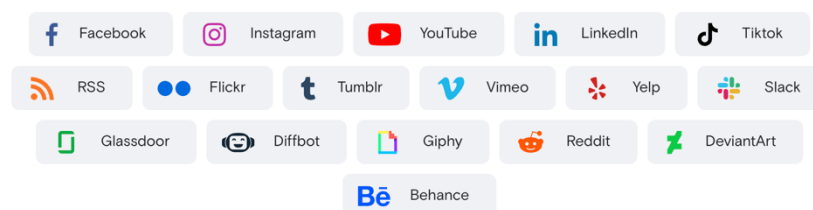
In this exercise, you will use a 3rd party tool to create a social network feed for your website. For this exercise we will use [curate.io](#) to create the social network feed. We will aggregate 3 different social medias in this feed.

1. Firstly, browse to the [curate.io](#) website and create an account.
2. Add a source by clicking on the add a source button.



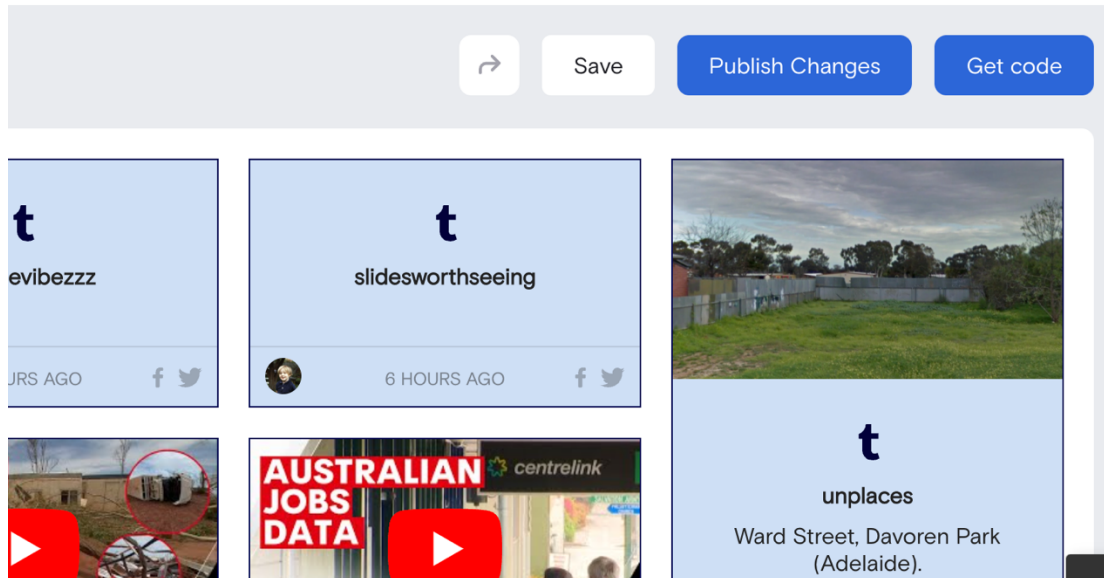
3. Select 3 social medias and topics/hashtags that relate to your website topic.

First, select where you want the posts to come from.



4. After that curate and style your feed accordingly as seen below

5. Once you have finished styling your feed you can click on the Get Code button and paste it into your html website. (Don't forget to add curate.io into your source log)



This task links to your assignment part 3 task (task 3.4), so once you feel you have the hang of it, you might like to go ahead and embed the feed(s) in your website. Don't forget that the lab is a great opportunity to get help from your fellow students – if you like you could get them to browse your site and check that it works!

3. JavaScript Advanced pt. 2 (*COMP6780 Only or if you're planning to use JavaScript for your assignment*)

In this section we will use terminology and techniques learnt in the previous Javascript lectures to create an Accordion on your website.

Here is an example of an accordion: [Coronavirus \(who.int\)](https://www.who.int/)

(Look at the **Contents** section on the right-hand side of the page)

1. Create a new accordion.html file.
2. Create a new JavaScript file called script.js.
3. In your JavaScript, create a Function called 'accordionOpen()'
4. Inside this function add the following conditional:
If the element has the class 'close' then add the class 'open'
Else if the element has the class 'open' the add the class 'close'
5. Back in your accordion.html file add a Div with a title similar to the accordion example and a paragraph nested with some content and a class 'content'.
6. Create a new accordion.css file
7. Set the 'content' class to display: none
8. Set the 'open' class to display: block and set the 'close' class to display: none

9. Add an *onclick()* event to the Div title and run the 'accordionOpen()' when clicked.
10. Your accordion should be functioning as intended.
11. Add some relevant comments to your JavaScript code.

Extra: Add a CSS transition effect to get the expanding and closing up effect.

4. Work on your Assignment part 2

Use the rest of the lab to work and/or finalize your Assignment part 2.