

CPSC1520 – JavaScript 6 Exercise: Fetch API

Introduction

The Fetch API is essential to most client side JavaScript applications. In this in class exercise what you'll be doing is you'll be using fetch and your local webserver (and netlify when you push it up there) to fetch contacts and render them to the page.

Exercise Step 1: Fetch and Render the contacts

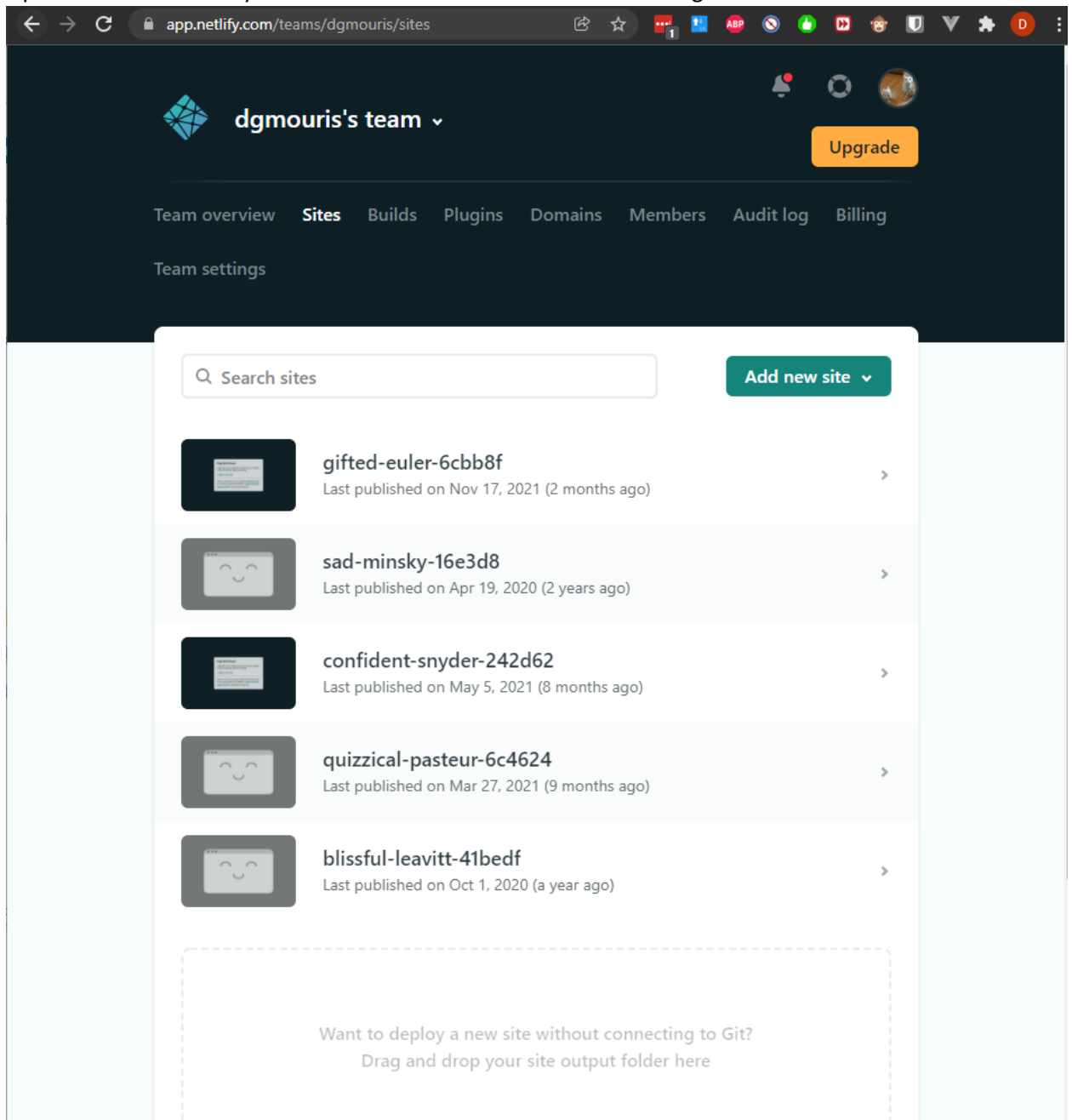
1. Create a function that will fetch the contacts you can call it "getContacts". You can keep this empty for now.
2. In the getContacts function created above use your knowledge of the fetch api to fetch the contacts (it's in the data folder).
 - a. Note: Ensure that you're not specifying the base path so that it works on netlify
 - b. Note: To ensure that you've successfully got the array parsed out correctly you can print out the result from the fetch to the console.
3. Create a function named renderContacts.
 - a. Select the element "all-contacts"
 - b. Set the innerHTML of the to an empty string.
 - c. Loop through each contact and use the sample HTML template for the project (see the comment in the main.js file) to continuously add a template literal string to the element above.
 - i. Must have the name
 - ii. Must have the email
4. Call the function renderContacts in the fetch of the getContacts function so that the contacts show up correctly.
 - a. Note: this is mentioned in the grading but just for emphasis is mentioned here too
 - b. Final functionality should look similar to the image below:

Contacts	
Steve Something	steve.something@fake.test.com
gary else	gary.else@fake.test.com
elsa ellie	elsa.ellie@fake.test.com
Dan Dingo	dan.dingo@fake.test.com
Amber anonymous	amber.anonymous@fake.test.com

Exercise Step 2 – upload your site to Netlify

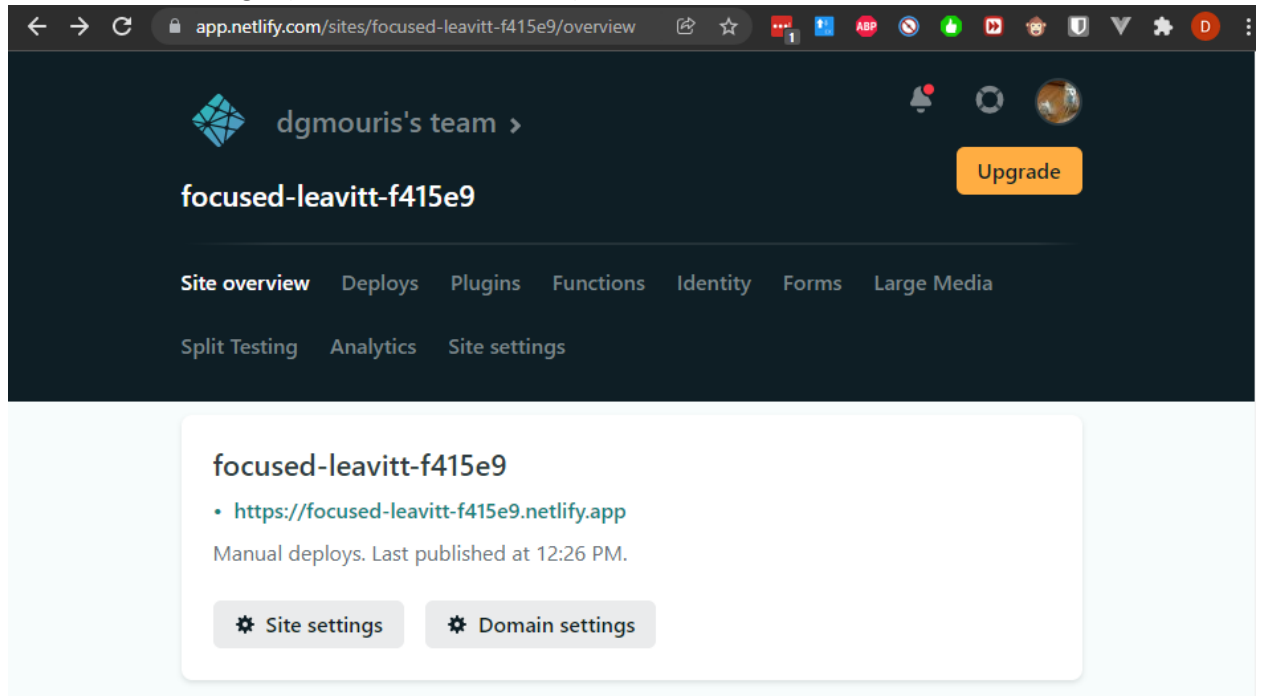
1. Sign in (or signup if you don't have an account) to <https://netlify.com/>

2. Open the “sites” tab in your browser it should look a little something like this.

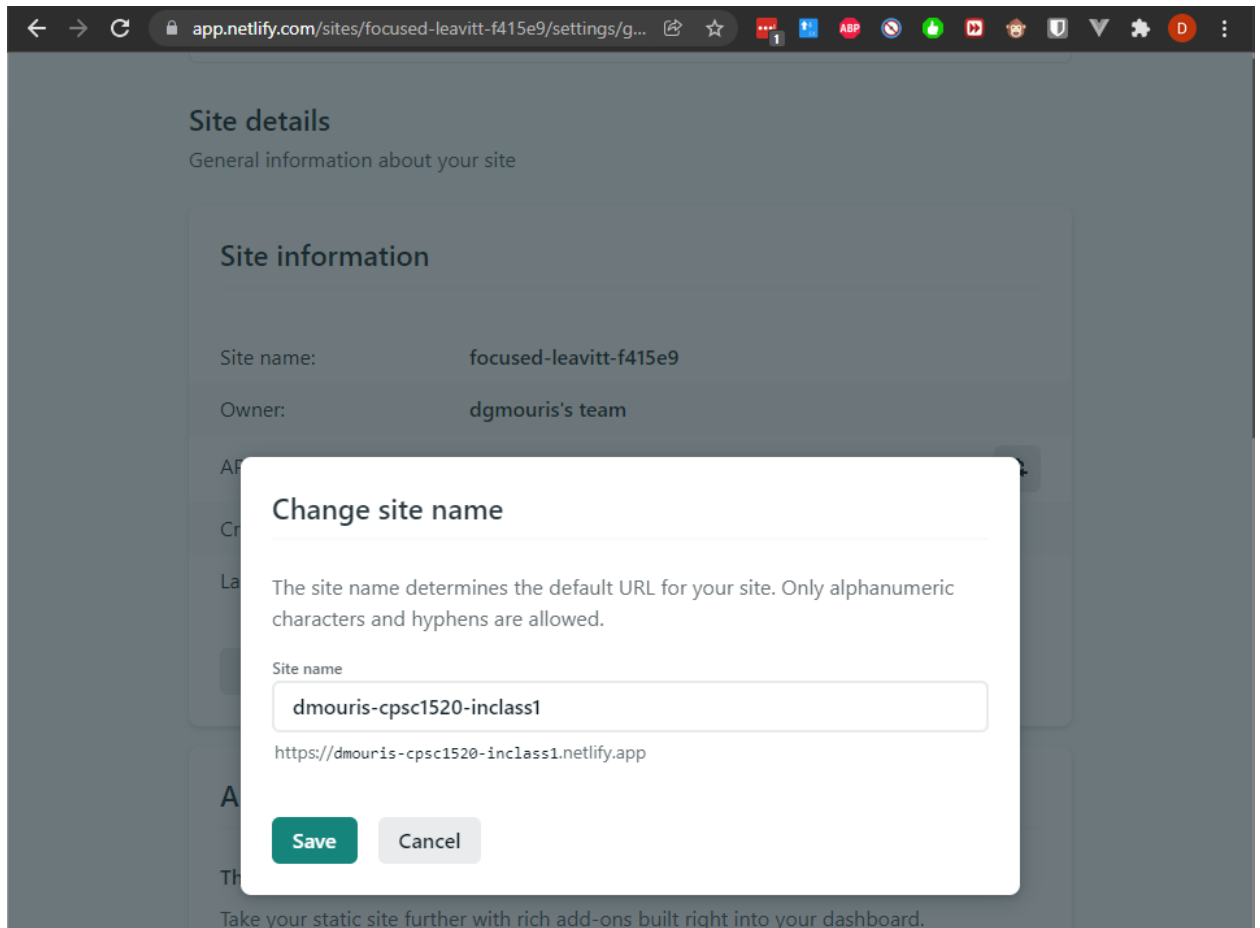


3. Drag and Drop the folder that your files are in into Netlify.

4. Click on “Site Settings” (the link is shown below)



5. Under site details change the site name to be “<your-nait-username>-lab-06” like so.



Grading

I'll give full marks if:

- The name of **your Netlify app** is renamed to **your name**.
- The fetch **works on netlify**
- The end result looks like the following picture

Contacts

Steve Something steve.something@fake.test.com
gary else gary.else@fake.test.com
elsa ellie elsa.ellie@fake.test.com
Dan Dingo dan.dingo@fake.test.com
Amber anonymous amber.anonymous@fake.test.com

If you don't follow the instructions you'll get a zero. There are no marks in between.