

Objective

The object of this workshop is to learn how to use Angular's HttpClient to make AJAX invocations. A second objective is to use Angular's service pattern to abstract and share commonly used functionalities

Setup

- Create an account in openweathermap - <https://openweathermap.org>
- Create a new Angular project

Workshop

Study the following API from openweathermap

<https://openweathermap.org/current>

which returns the weather for a given city.

Task 1

Write an Angular service that takes a city's name and return the weather of that city. You may choose to return a few of the attributes.

Use your weather service in a simple application; a mockup of the application is shown below

City:

Weather details for
Singapore here

Task 2

Add an application manifest. You can find an online generator here

<https://manifest-gen.netlify.app/>

Commit your code after you have completed the workshop.

Optional Workshop

Only attempt this if you have completed the workshop.

Use Angular Material components in the weather application

Publish the application to your BitBucket pages.