5 Easy Steps to Create Your Own Austin Weather App

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From a [less-bumpy airplane ride](#) to [improving supply-chain resiliency](#), there is no shortage of possibilities of how IBM can change the way people do business based on weather data.

And that weather data comes from the recent acquisition of the Weather Company, known for The Weather Channel and Weather Underground.

The best part is that it doesn't take a skilled meteorologist to tap into this new resource.

Through Bluemix and its Weather API, you can unlock the power of this new data on your very own desktop by following these easy steps:

What You'll Learn

- How to create an IBM Bluemix account

- How to attach an API to your project

- Compile an app using the Weather API

1. Register for a Bluemix account

[Bluemix](#) is one of the best platforms available for developers, making it capable for anyone to create software, databases and websites in an array of programming languages.

The service is available through a monthly subscription plan. But fortunately, [it's free for every IBMer](#).

Create your profile and log in. Your account will say it's a trial plan. Don't worry, the trial will continually reset as long as you registered using your IBM email.

2. Go to Weather Demo URL and deploy

Now we need to add the Weather demo to our dashboard. This will allow us to modify it to show a different city. [Click here to go to the website](#).
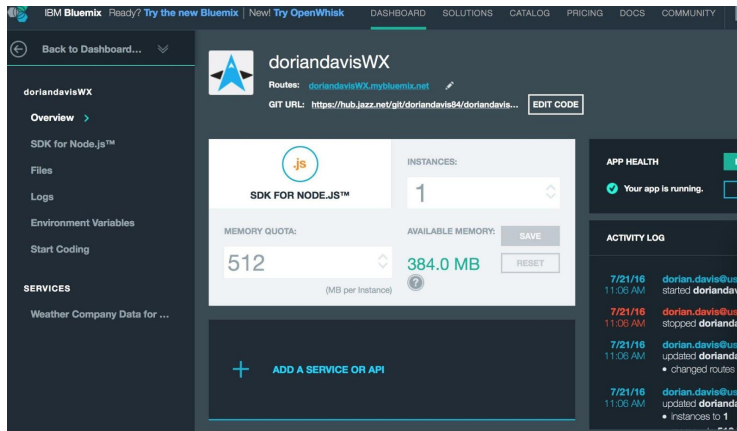
Once there, click **deploy.**
Once finished, you should be taken back to your dashboard.

3. Bind the Weather API to your project

In order to make the demo function, we'll need to need to add the Weather API to our project.

Navigate to your dashboard and click your app.

 From there, click **"Add API or Service."**

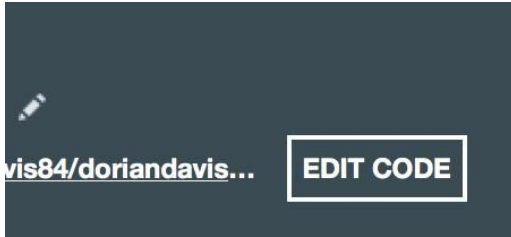Further down the page, find and click "Weather Company Data for IBM Bluemix."

On this page, ensure the Selected Plan is **"free."**

Click create.

4. Find index.html

From the dashboard, click the **edit code button**. This will take us into the Bluemix IDE.

Once you're into the IDE, look on the left-hand side and click **public > index.html**

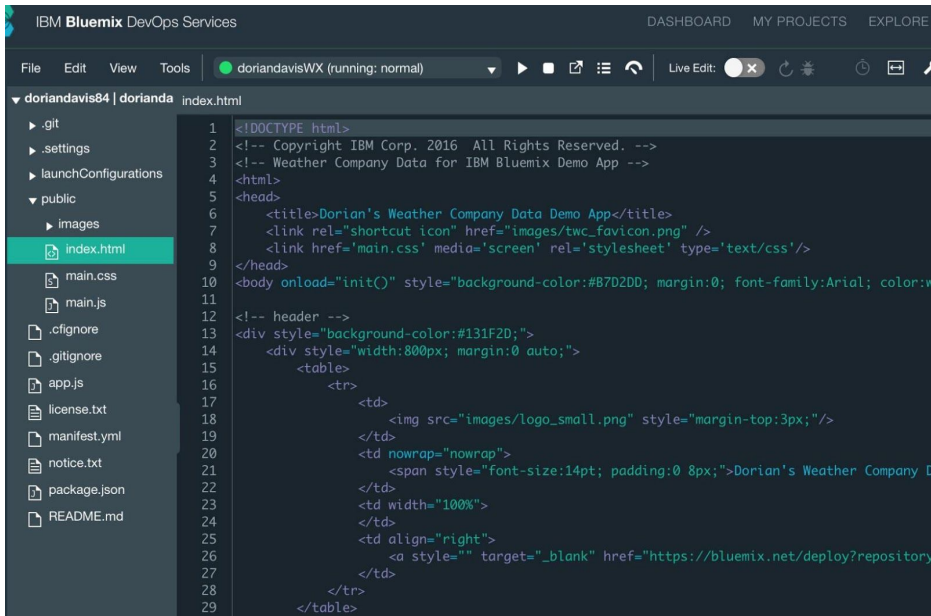The **index.html** file will then load on the right-hand side.

Navigate to line 10 and change this:

body onload="init()"

to this:

body onload="setLocation()"

This will prevent the Web browser from asking the user's location and force it to load the selected city we'll add.

- Navigate to line 74 and replace it with line 75. This will force it to display data in Fahrenheit instead of Celsius.

- Navigate to line 40 and add this line:
<option value="30.26,-97.74">Austin</option>

If you want to feature a different location, use a search engine to find the city's longitude and latitude for city you want to feature.

5. Deploy

To compile your app, click the play button. Once it's finished, click the right arrow to launch the website.

To see this demo in action, visit this website.

Click here to learn more about IBM's acquisition of The Weather Company and how it will change business.