Jaqueline Zagaste

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The OpenWeather API documentation

To obtain the weather information in Celsius instead of Fahrenheit, we need to include the ‘units’ parameter in our API call. By setting it to metric, we can receive temperature data in Celsius. The API call would look like this: (https://api.openweathermap.org/data/2.5/weather?lat=${latitude}&lon=${longitude}&appid=${api\_key}&units=metric`).

To display weather condition images on the web page, we can use the OpenWeather APIs weather condition codes and icons. Each weather condition code corresponds to a unique icon. I saw that we could use something like ‘thunderIcon’ in the code to show a thunderstorm in the nighttime. The URL for a night thunderstorm would look like this: https://openweathermap.org/img/wn/thunderIcon.png. To display weather conditions in French we can use the ‘lang’ parameter in our API call and set it to ‘fr’ for French language. The call would look something like this: api.openweathermap.org/data/2.5/weather?q=cit{city}&appid={API key}&lang=fr.

Different weather conditions that could be displayed on my web page:

* Clear: ‘weather.0.main’
* Clouds: ‘weather.1.main’
* Rain: ‘weather.2.main’
* Drizzle: ‘weather.3.main’
* Thunderstorm: ‘weather.4.main’
* Snow: ‘weather.5.main’
* Mist: ‘weather.6.main’
* Smoke: ‘weather.7.main’
* Haze: ‘weather.8.main’
* Dust: ‘weather.9.main’