Final Project: Weather Site



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Agenda



Obtain your API key

Look at the API documentation

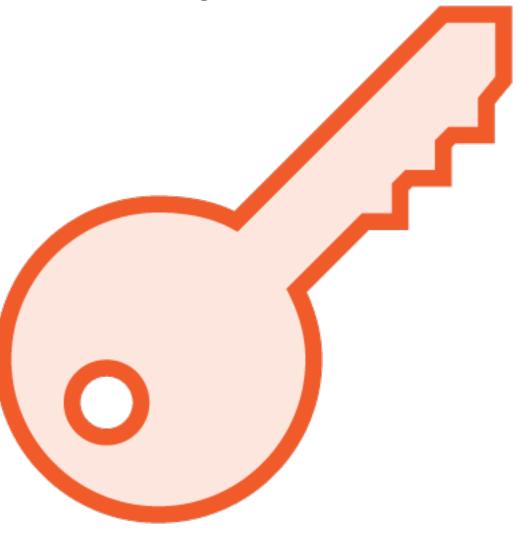
Configure two URL's

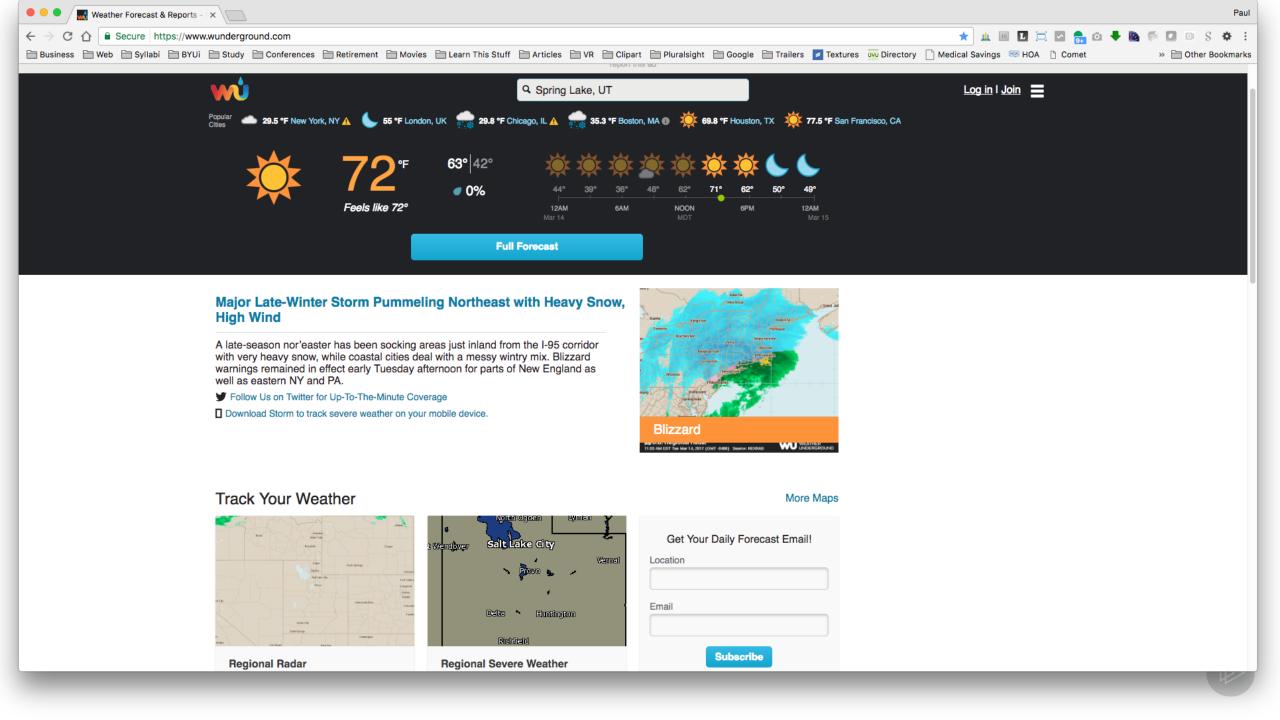
Build the app

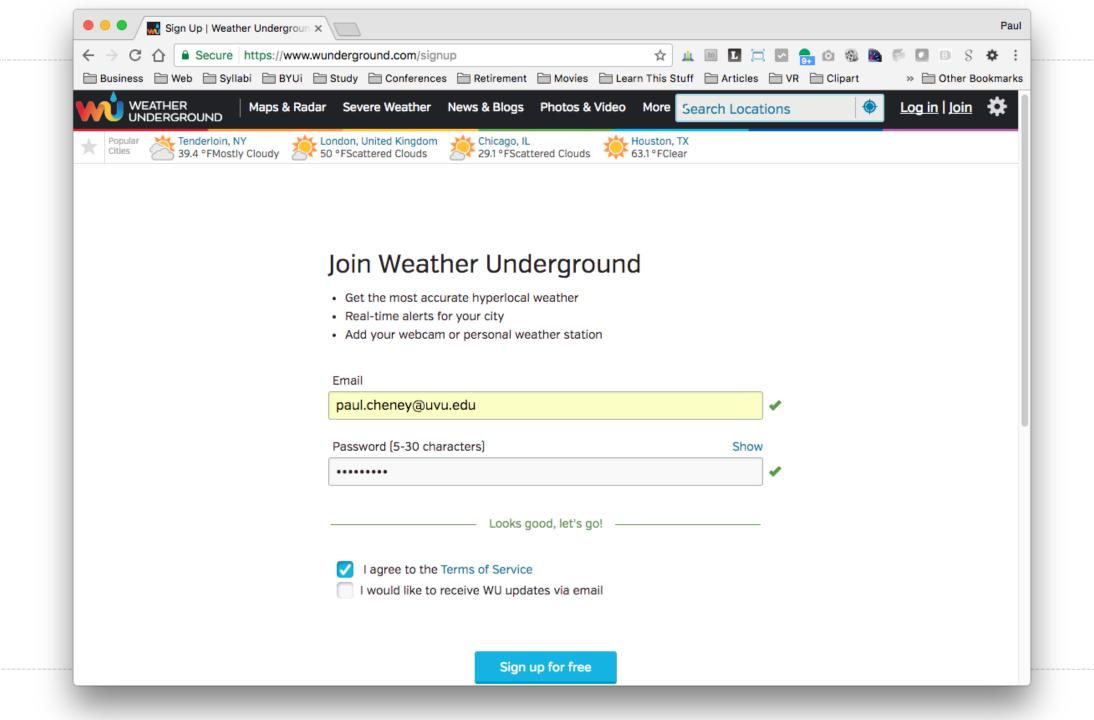
Test the page

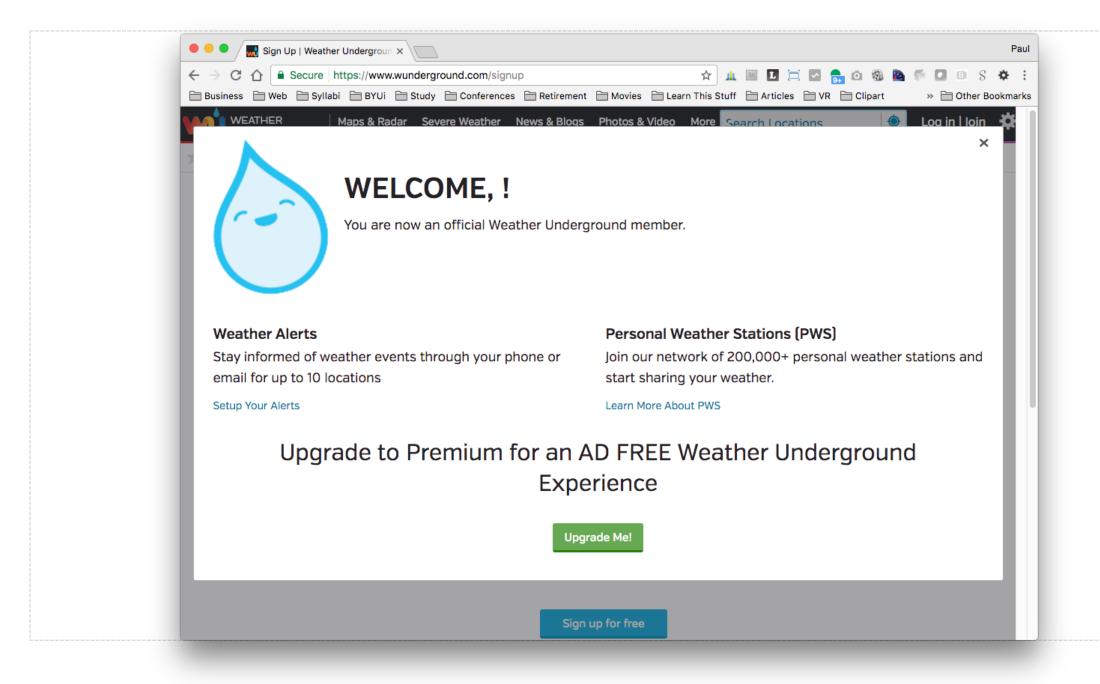
Modification

Get Your API Key











Thank you for joining Weather Underground!

Follow this URL to activate your membership:

Validate Your Email

Or, you can copy and paste this URL in your browser:

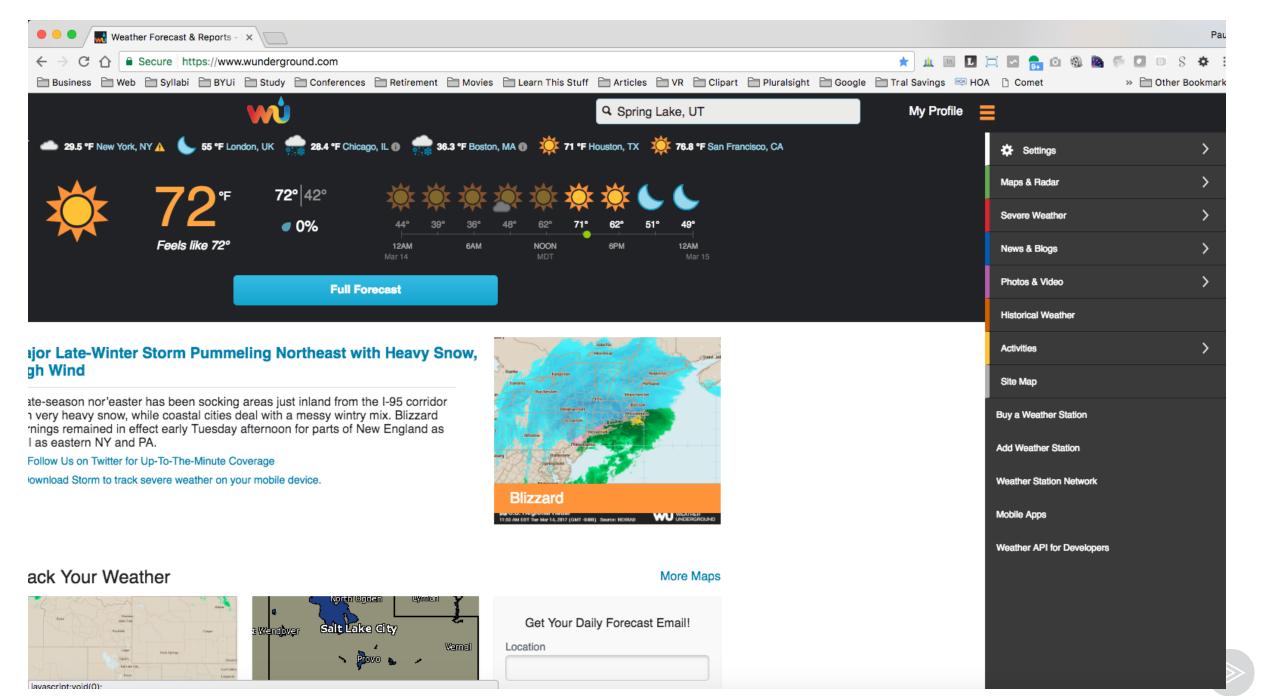
http://www.wunderground.com/member/validate?email=paul.cheney@uvu.edu&auth=357363&redirect=1

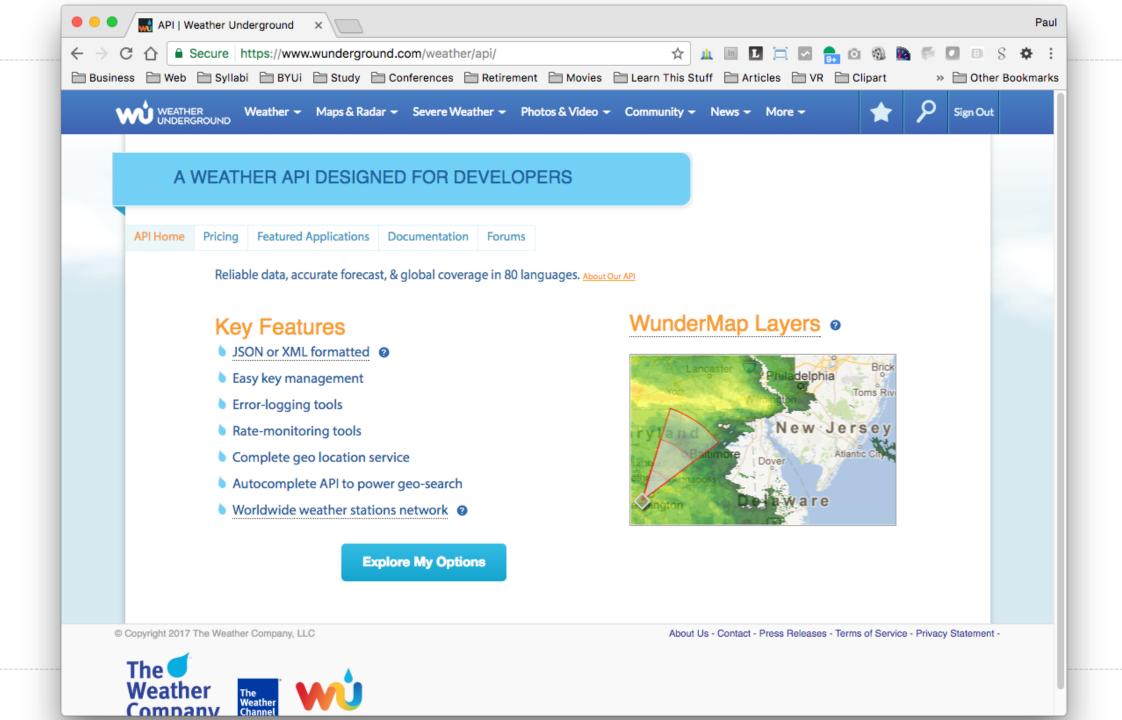
Weather Underground Features

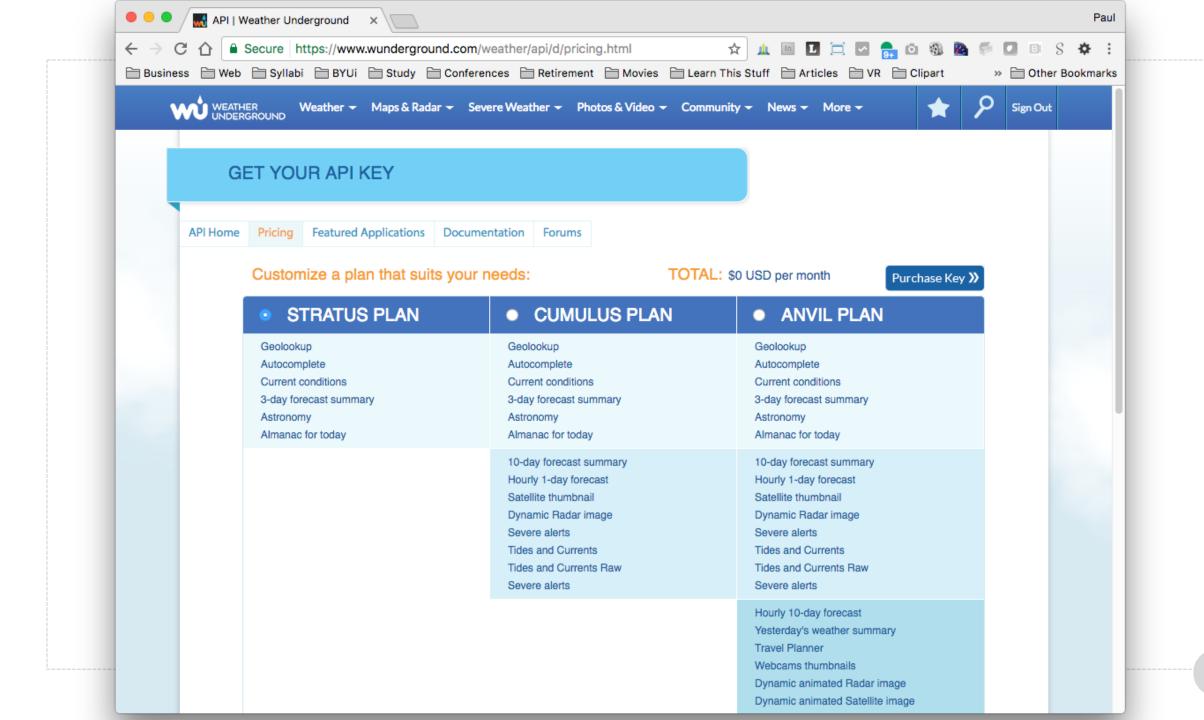
NEXRAD Radar I U.S. Severe Weather I Weather Webcams I WunderPhotos

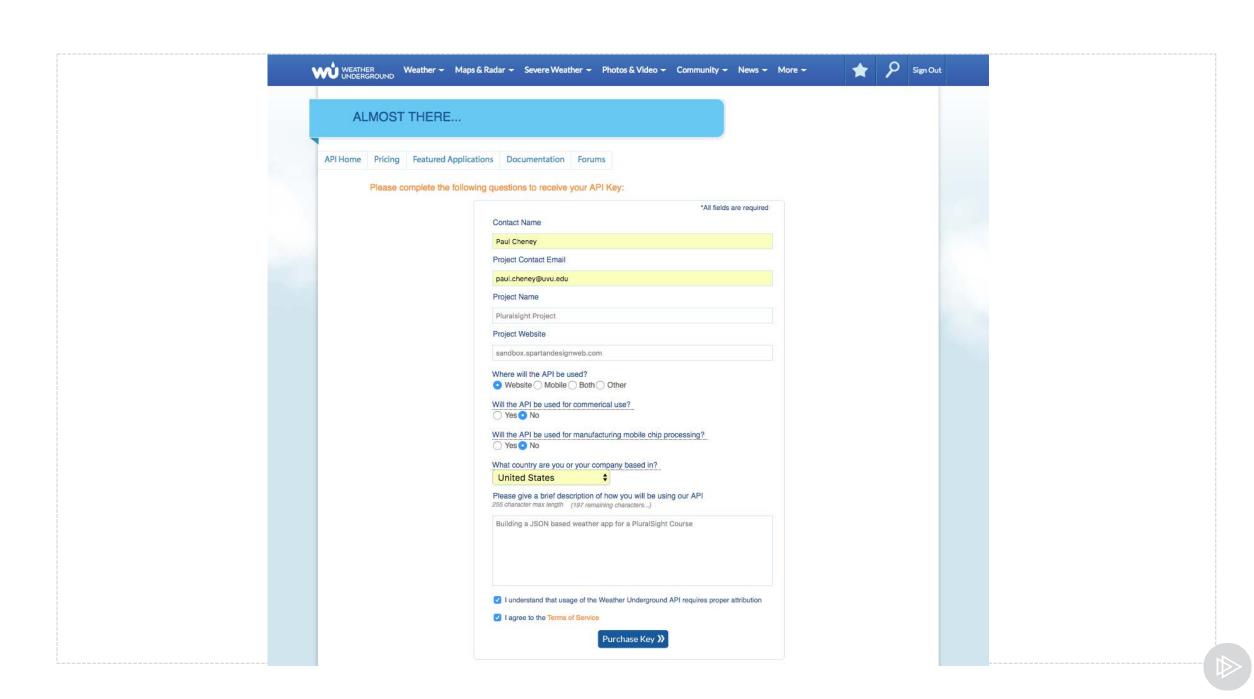
-

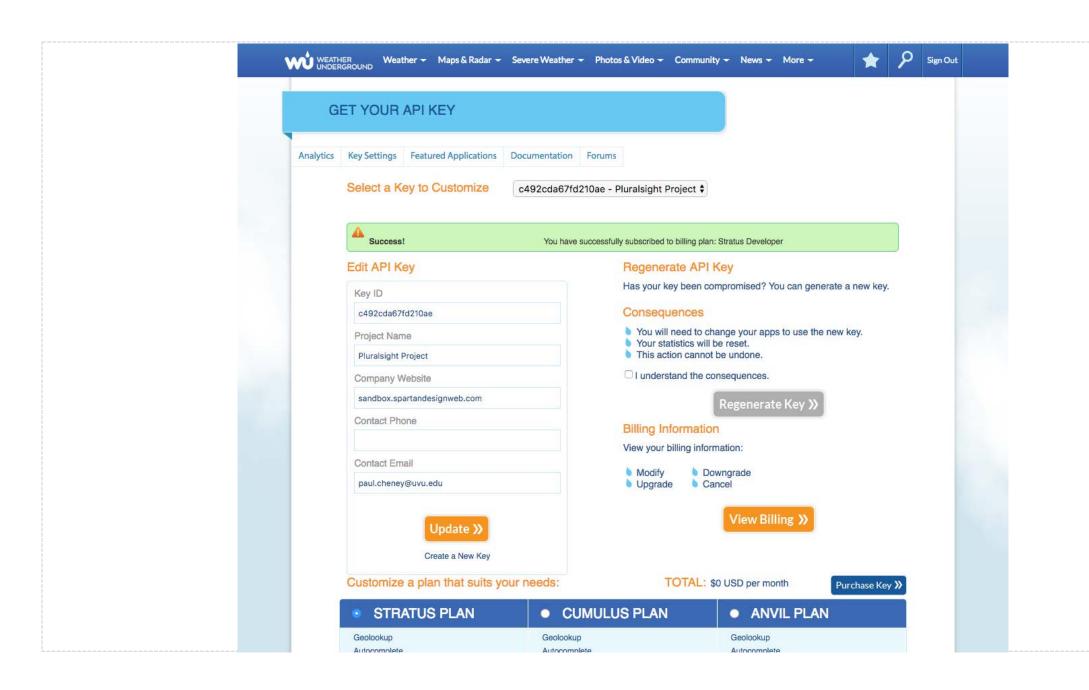
wunderground.com I 300 Interstate North Parkway, Atlanta, GA 30339









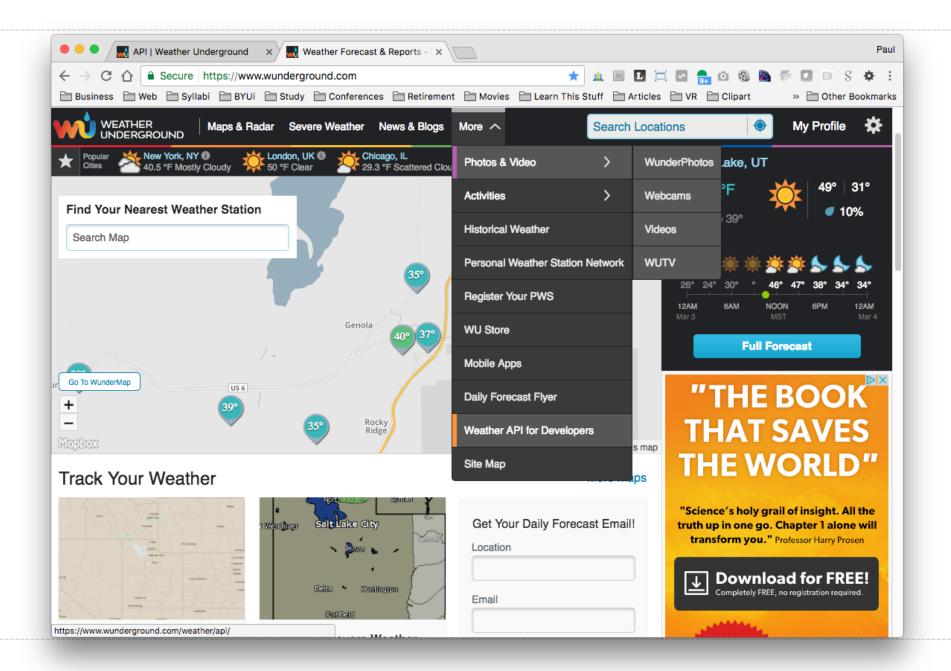


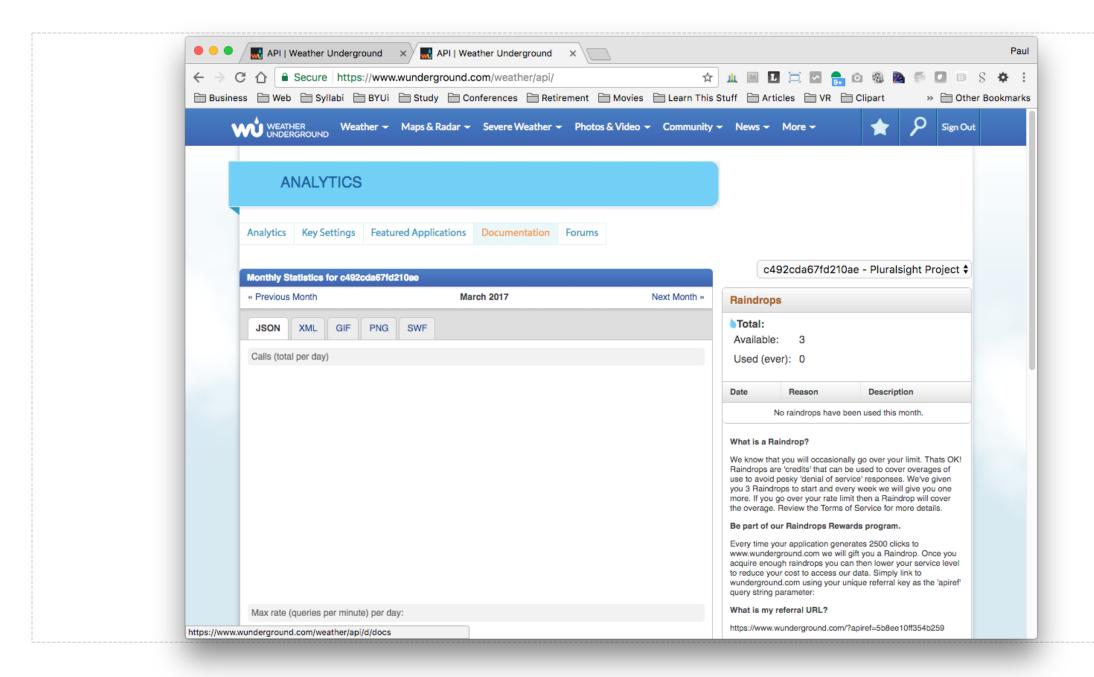


Documentation

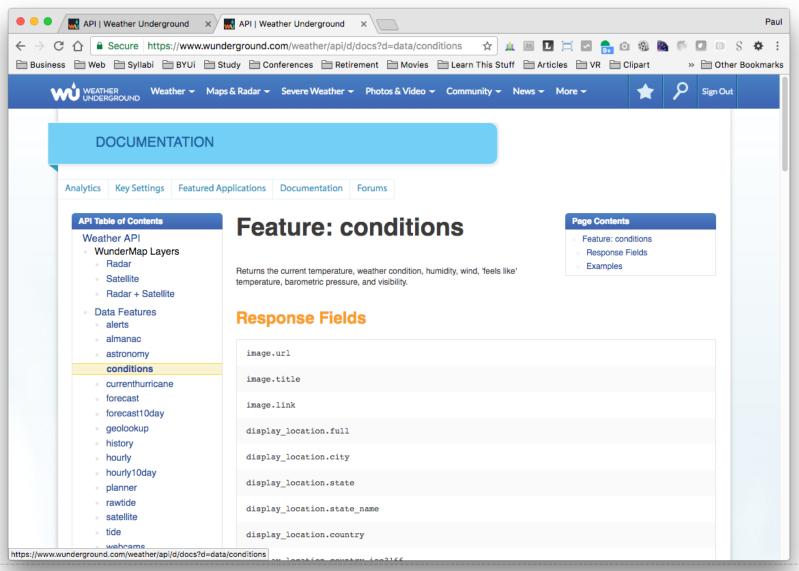








API: Conditions

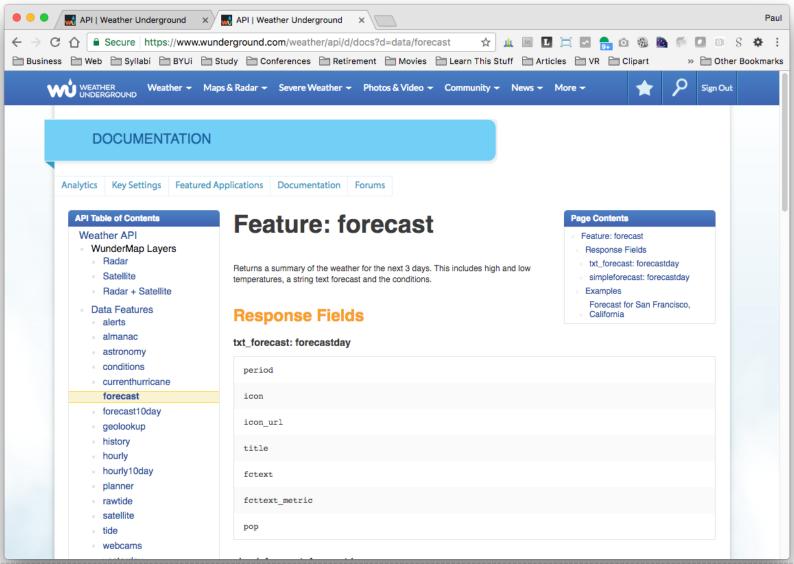


Examples



```
Hide Response
http://api.wunderground.com/api/c492cda67fd210ae/conditions/g/CA/San Franci
sco.json
  "response": {
  "version": "0.1",
  "termsofService": "http://www.wunderground.com/weather/api/d/terms.html",
  "features": {
  "conditions": 1
  "current observation": {
  "image": {
  "url": "http://icons-ak.wxug.com/graphics/wu2/logo_130x80.png",
  "title": "Weather Underground",
  "link": "http://www.wunderground.com"
  "display location": {
  "full": "San Francisco, CA",
  "city": "San Francisco",
  "state": "CA",
  "state name": "California",
  "country": "US",
  "country iso3166": "US".
```



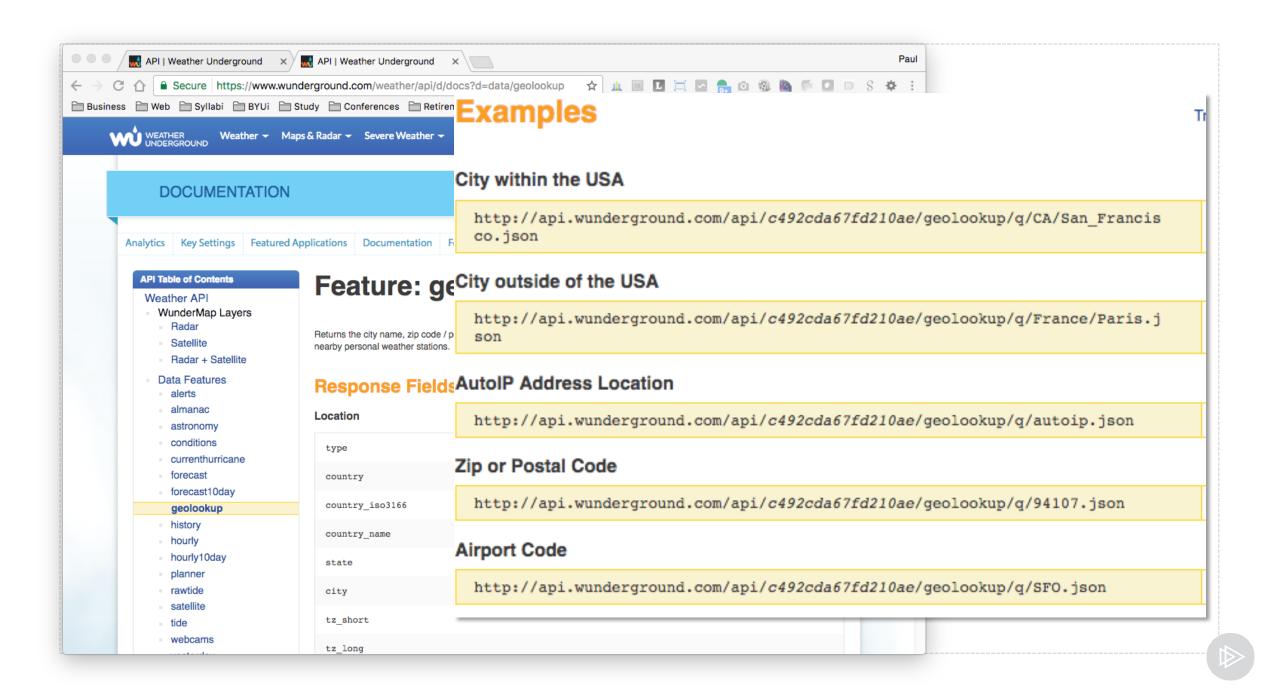


Examples



Forecast for San Francisco, California

```
Hide Response
http://api.wunderground.com/api/c492cda67fd210ae/forecast/g/CA/San Francisc
o.json
  "response": {
  "version": "0.1",
  "termsofService": "http://www.wunderground.com/weather/api/d/terms.html",
  "features": {
  "forecast": 1
  "forecast": {
  "txt forecast": {
  "date": "2:00 PM PDT",
  "forecastday": [{
  "period": 0,
  "icon": "partlycloudy",
  "icon url": "http://icons-ak.wxug.com/i/c/k/partlycloudy.gif",
  "title": "Tuesday",
  "fcttext": "Partly cloudy in the morning, then clear. High of 68F. Breezy. Winds from the We
  "fcttext metric": "Partly cloudy in the morning, then clear. High of 20C. Windy. Winds from
  "pop": "0"
  }, {
  "period": 1.
```



URL's Needed for JSON Data

URL for Conditions

http://api.wunderground.com/api/c492cda67fd210ae/conditions/q/84653.json

URL for Forecast

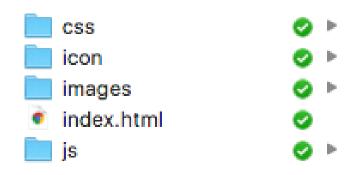
http://api.wunderground.com/api/c492cda67fd210ae/forecast/q/84653.json

AJAX Request

```
myObj.open('GET', 'http://api.wunderground.com/api/f029e46fd0232d12/forecast/q/84653.json', true);
myObj.responseType = 'text'; // coming as a string
myObj.send();
myObj.onload = function() {
  if (myObj.status === 200){
   x = JSON.parse(myObj.responseText);
    console.log(x);
 } //end if
}; //end function
```



Small Screen Demo



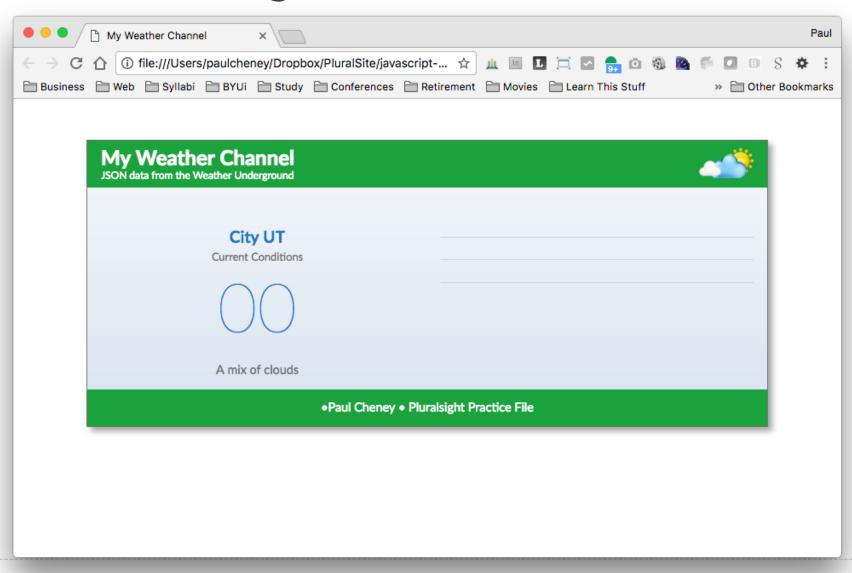


Medium Screen Demo





Large Screen Demo



My Weather Channel JSON data from the Weather Underground

83127

Check this Zipcode

Thayne, WY

Mostly Cloudy

Saturday	<u> </u>	41°	25°
	24.0		

Sunday 37° 13°

Monday 22° 16°

Partly cloudy. Lows overnight in the low 20s.

•Paul Cheney • Pluralsight Practice File

Summary



Obtain your API key

Look at the API documentation

Configure two URLs

Build the app

Test the page

Modification