# WeatherBug sample

This sample demonstrates the use of HTML5 geolocation and jsonp to make cross-domain calls from an app to a secured RESTful service in the cloud.

## Description of the sample

This sample displays a weather forecast for the user’s current location.

## Prerequisites

This sample requires the following;

A SharePoint 2013 development environment.

Visual Studio 2012 and Office 2013 Tools for Visual Studio 2012.

A developer account and key obtained from http://developer.weatherbug.com

## Key components of the sample

The sample consists of a SharePoint-hosted app uses jsonp to make cross-domain calls to the WeatherBug API. The key code is found in the wingtip.weatherbug.js library. The wingtip.geolocation.js library is used to obtain the user’s current location. If permission to access geolocation data is denied, the app defaults to showing the weather forecast for Seattle, WA.

## Configure the sample

Obtain a developer key from <http://developer.weatherbug.com> and enter the key into the wingtip.weatherbug.js library in the line shown below:

key = "",//Obtain a key from http://developer.weatherbug.com

## Run and test the sample

1. Open the WeatherBug.sln solution in Visual Studio 2012..
2. Edit the deployment URL to point to a site in your development environment.
3. Press F5.
4. When the app appears, you will be prompted to authorize access to your geolocation information.
5. After authorizing access, the weather forecast will appear.

## Troubleshooting

The browser must support HTML5.

You must have a WeatherBug developer key properly entered into the wingtip.weatherbug.js library

## Change log

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