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Weather Web Services

Json Url:

http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/Australia/Sydney.json

File Name:

preethisethu.html   ../../../preethisethu.html

Source Code:

```
<html>

<head>

<title>

REST service implementation by Preethi Sethu Ragunathan

</title>

<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>

<script>

jQuery(document).ready(function($) {

  $.ajax({

url : "http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/Australia/Sydney.json",


  dataType : "jsonp",

  success : function(parsed_json) {

  var city = parsed_json['location']['city'];
```

```
var state = parsed_json['location']['state'];

 var country_name = parsed_json['location']['country_name'];



 var lat = parsed_json['location']['lat'];

 var lon = parsed_json['location']['lon'];

 var temp_f = parsed_json['current_observation']['temp_f'];

 var temp_c = parsed_json['current_observation']['temp_c'];

 var icon_url = parsed_json['current_observation']['icon_url'];

 var weather = document.getElementById('wuDiv');

 weather.innerHTML ="The Co-ordinates of " + city + ","  + country_name + " is: " + "<br/>" + "Latitude:" + lat
+ " , " + "<br/>" + "Longitude:" + lon + "<br/>" +

"The state code of "+ city + " is :" +state+ "<br/>" + " Current temperature in " + city + " is: " + temp_f + " F / "
+ temp_c + " C" + " <img src=" +icon_url+ " />" + "<br/>"   ;

 }

 });

});

</script>

<link href="main.css" rel="stylesheet" type="text/css"></link>

</head>

<body>

<div class="main-title"><h1>SOA with REST</h1></div>

<div><br/><h2>WeatherUnderground REST services<h2></div>

<div><br/><h2>REST service implementation by Preethi Sethu Ragunathan<h2></div>

<div id="wuDiv"></div>

</body>
```
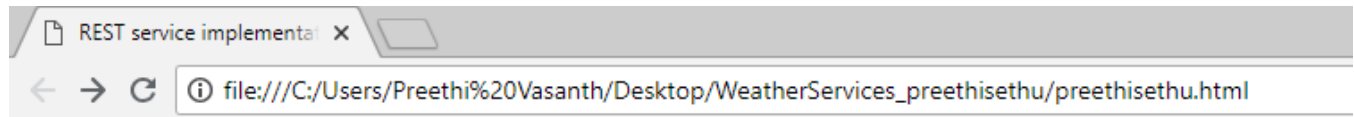
</html>

Screenshots:

Web browser

SOA with REST

WeatherUnderground REST services

REST service implementation by Preethi Sethu Ragunathan

The Co-ordinates of Sydney,Australia is:
Latitude:-33.86999893 ,
Longitude:151.21000671
The state code of Sydney is :NSW

Current temperature in Sydney is: 57.9 F / 14.4 C