

## Identify Example

This example describes how to leverage the REST endpoint for the LocationFinder\_GPService service, found at: <http://geoservices.wa.gov/ArcGIS/rest/services/MapServices>.

The list of data layers available to identify can be found by viewing the ArcGIS Service Directory for the service: [http://geoservices.wa.gov/ArcGIS/rest/services/MapServices/LocationFinder\\_GPService/MapServer](http://geoservices.wa.gov/ArcGIS/rest/services/MapServices/LocationFinder_GPService/MapServer).

Below is an example of performing an identify task using the ArcGIS JavaScript API. Detailed explanation of the ArcGIS JavaScript API can be viewed at: [http://help.arcgis.com/en/webapi/javascript/arcgis/jsapi/#overview\\_jsapi\\_reference](http://help.arcgis.com/en/webapi/javascript/arcgis/jsapi/#overview_jsapi_reference)

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### Example – Identify City and County Name:

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<!DOCTYPE html>
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=7,IE=9" />
  <!--The viewport meta tag is used to improve the presentation and behavior of the samples on iOS devices-->
  <meta name="viewport" content="initial-scale=1, maximum-scale=1,user-scalable=no" />
  <title>Identify Sample</title>
  <link rel="stylesheet" type="text/css" href="http://serverapi.arcgisonline.com/jsapi/arcgis/2.8/js/dojo/dijit/themes/tundra/tundra.css" />
  <style type="text/css">
    html, body
    {
      height: 98%;
      width: 98%;
      margin: 0;
      padding: 5px;
    }
  </style>
  <script type="text/javascript">var djConfig = { parseOnLoad: true }</script>
  <script type="text/javascript" src="http://serverapi.arcgisonline.com/jsapi/arcgis/2.8/"></script>
  <script type="text/javascript">
    dojo.require("esri.map");
    dojo.require("esri.tasks.identify");
    dojo.require("dijit.layout.ContentPane");
    dojo.require("dijit.layout.TabContainer");
    dojo.require("dijit.form.Button");

    var map, identifyTask, identifyParams, symbol;
    var cityResults, countyResults;

    function init() {
      var initExtent = new esri.geometry.Extent(-14221820, 5512725, -12682073, 6459321, new esri.SpatialReference({ "wkid": 102113 }));
      var lods = [{ 'level': 5, 'resolution': 4891.96981024998, 'scale': 18489297.737236 }, { 'level': 6, 'resolution': 2445.98490512499, 'scale': 9244648.868618 }, {
'level': 7, 'resolution': 1222.99245256249, 'scale': 4622324.434309 }, { 'level': 8, 'resolution': 611.49622628138, 'scale': 2311162.217155 }, { 'level': 9, 'resolution':
305.748113140558, 'scale': 1155581.108577 }, { 'level': 10, 'resolution': 152.874056570411, 'scale': 577790.554289 }, { 'level': 11, 'resolution': 76.4370282850732,
'scale': 288895.277144 }, { 'level': 12, 'resolution': 38.2185141425366, 'scale': 144447.638572 }, { 'level': 13, 'resolution': 19.1092570712683, 'scale': 72223.819286 }, {
'level': 14, 'resolution': 9.55462853563415, 'scale': 36111.909643 }, { 'level': 15, 'resolution': 4.77731426794937, 'scale': 18055.954822 }, { 'level': 16, 'resolution':
2.38865713397468, 'scale': 9027.977411 }, { 'level': 17, 'resolution': 1.19432856685505, 'scale': 4513.988705 }, { 'level': 18, 'resolution': 0.597164283559817, 'scale':
2256.994353}];
      map = new esri.Map("mapDiv", { extent: initExtent, lods: lods });
      dojo.connect(map, "onLoad", initFunctionality);
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dojo.connect(map.infoWindow, "onShow", function () {dijit.byId("tabs").resize();});
    var baseLayer = new esri.layers.ArcGISTiledMapServiceLayer("http://services.arcgisonline.com/ArcGIS/rest/services/World_Imagery/MapServer");
map.addLayer(baseLayer);
}

function initFunctionality(map) {
dojo.connect(map, "onClick", doIdentify);
identifyTask = new esri.tasks.IdentifyTask("http://198.238.214.59/ArcGIS/rest/services/MapServices/LocationFinder_GPService/MapServer");
identifyParams = new esri.tasks.IdentifyParameters();
identifyParams.tolerance = 1;
identifyParams.returnGeometry = false;
identifyParams.layerIds = [4, 6]; // city/uga(4) and county(6) layers used for this example
identifyParams.layerOption = esri.tasks.IdentifyParameters.LAYER_OPTION_ALL;
identifyParams.width = map.width;
identifyParams.height = map.height;
map.infoWindow.resize(415, 200);
map.infoWindow.setContent(dijit.byId("tabs").domNode);
map.infoWindow.setTitle("Identify Results");
symbol = new esri.symbol.SimpleFillSymbol(esri.symbol.SimpleFillSymbol.STYLE_SOLID, new
esri.symbol.SimpleLineSymbol(esri.symbol.SimpleLineSymbol.STYLE_SOLID, new dojo.Color([255, 0, 0]), 2), new dojo.Color([255, 255, 0, 0.25]));
}

function doIdentify(evt) {
map.graphics.clear();
identifyParams.geometry = evt.mapPoint;
identifyParams.mapExtent = map.extent;
identifyTask.execute(identifyParams, function (idResults) { addToMap(idResults, evt); });
}

function addToMap(idResults, evt) {
cityResults = { displayFieldName: null, features: [] };
countyResults = { displayFieldName: null, features: [] };
for (var i = 0, il = idResults.length; i < il; i++) {
    var idResult = idResults[i];
    if (idResult.layerId === 4) {
        if (!cityResults.displayFieldName) {
            cityResults.displayFieldName = idResult.displayFieldName
        };
        cityResults.features.push(idResult.feature);
    }
    else if (idResult.layerId === 6) {
        if (!countyResults.displayFieldName) {
            countyResults.displayFieldName = idResult.displayFieldName
        };
        countyResults.features.push(idResult.feature);
    }
}
dijit.byId("cityTab").setContent(layerTabContent(cityResults, "cityResults"));
dijit.byId("countyTab").setContent(layerTabContent(countyResults, "countyResults"));

map.infoWindow.show(evt.screenPoint, map.getInfoWindowAnchor(evt.screenPoint));
}

function layerTabContent(layerResults, layerName) {
var content = "";
switch (layerName) {
    case "cityResults": content = "<i>Total features returned: " + layerResults.features.length + "</i>";
        content += "<table border='1'><tr><th>City Name</th>";
        for (var i = 0, il = layerResults.features.length; i < il; i++) {
            content += "<tr><td>" + layerResults.features[i].attributes['CITY_NM'] + "</td>";
        }
        content += "</tr></table>";
        break;
    case "countyResults": content = "<i>Total features returned: " + layerResults.features.length + "</i>";
}
}

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        content += "<table border='1'><tr><th>County Name</th>";
        for (var i = 0, il = layerResults.features.length; i < il; i++) {
            content += "<tr><td>" + layerResults.features[i].attributes['COUNTY_NM'] + "</td>";
        }
        content += "</tr></table>";
        break;
    }
    return content;
}
//show map on load
dojo.addOnLoad(init);
</script>
</head>
<body class="tundra">
    Click the map to identify city and county information.
    <div id="mapDiv" style="width: 800px; height: 600px; border: 1px solid #000;">
    </div>
    <!-- info window tabs -->
    <div id="tabs" dojotype="dijit.layout.TabContainer" style="width: 385px; height: 150px;">
        <div id="cityTab" dojotype="dijit.layout.ContentPane" title="Cities">
        </div>
        <div id="countyTab" dojotype="dijit.layout.ContentPane" title="Counties">
        </div>
    </div>
</body>
</html>
```